



ADVANCED LIFE SUPPORT UNIT INVENTORY



APPLICATION: This policy describes a standardized drug and equipment inventory for an advanced life support (ALS) unit in Orange County. Essential equipment that must be available for use with patients who are latex sensitive is denoted with an asterisk.

Title 8 CCR Section 5193, Bloodborne Pathogens requires sharps injury prevention/needleless products to be utilized when appropriate.

POLICY: Each OCEMS approved ALS unit shall carry the following equipment in working condition. The drug and equipment inventory will be mutually agreed upon by the ALS provider and EMS and will reflect a specific unit's needs for its service area. Any exception or addition to the inventory items must have prior approval by OCEMS.

EQUIPMENT

BAG-VALVE DEVICE WITH OXYGEN INLET AND RESERVOIR:* Adult*
Pediatric*
15 mm patient connector*

BANDAGE SCISSORS

EXTRICATION SPLINT: Horizontal flexibility, vertical rigidity; stabilizes head, neck and back

BACKBOARDS: Surface must provide protection against the environment and communicable disease. Material must be x-ray transparent. Design should include a minimum of three straps (disposable straps, optional).
- Adult
- Pediatric backboard – OPTIONAL

LARYNGOSCOPE: Battery operated, quick change blades
Handles: Adult and/or pediatric
Batteries (extra)
Blades: Adult - curved/straight #3 & #4 recommended
(single use/disposable acceptable)*
Pediatric - straight #1 and #2
(single use/disposable acceptable)*
Bulbs (extra)

MAGILL FORCEPS: Adult and pediatric; closed tip

MONITOR / DEFIBRILLATOR EQUIPMENT (FDA approved): Defibrillator with oscilloscope.
Delivered Output Energy: Minimum adjustable monophasic, 5 Joules to 360 Joules. Biphasic acceptable.
Synchronizer: Is designed to deliver a synchronized defibrillating pulse, timed to avoid the T-wave of the cardiac cycle.
12-lead EKG capability-OPTIONAL

(NOTE: ESSENTIAL EQUIPMENT THAT MUST BE AVAILABLE FOR USE WITH PATIENTS WHO ARE LATEX SENSITIVE IS DENOTED BY AN ASTERISK; PREHOSPITAL STAFF SHOULD MINIMIZE THEIR OWN EXPOSURE TO LATEX PRODUCTS AT ALL TIMES.)

Approved:

Ben Hymowitz *D. K. Bell*

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EQUIPMENT (continued)

Recorder: Chart: Must be able to produce a paper print out of high quality.
Batteries/Charge Units as Main Power Source: Replaceable and rechargeable battery nickel-cadmium, sealed lead acid, or nickel-metal hydride batteries.

RESUSCITATOR: 40 L/min maximum delivery capability, portable, lightweight, minimum 6' length hose to head, constant flow valve 0-15 L/min
Demand valve head* – OPTIONAL

SUCTION UNIT: Portable, with disposable canister

SPHYGMOMANOMETER: 20 to 300 mm Hg. dial with no pin stop
Blood pressure cuffs*
Pediatric* and adult* cuffs
Thigh cuff* – OPTIONAL

TRACTION SPLINTS:* Lightweight, portable: adult, pediatric (BARRIER PROTECTION ACCEPTABLE)

SUPPLIES

Acorn nebulizer: * mouth and aerosol mask
Airway adapters:* 22mm, 15mm
Airway, nasopharyngeal:* 4.5mm - 9.0mm or adult and pediatric sizes
Airway, oral:* Adult and pediatric sizes
Alcohol wipes
Arm board:* short, with rigid insert, padded (BARRIER PROTECTION ACCEPTABLE)
Arm board:* long, with rigid insert, padded (BARRIER PROTECTION ACCEPTABLE)

Bags (for trash)
Band-Aids*
Basin, emesis* (BARRIER PROTECTION ACCEPTABLE)
Blanket, disposable*
Broselow tape (Pediatric length based resuscitation tape)
Burn dressing: Clean sheet or approved burn covering

Cannulas, nasal oxygen:* Adult and pediatric
Catheter, suction:* sizes #6, #8, #10, #14, #18
C-Collar, semi rigid* (Stiff-neck type, Philadelphia or equivalent) sizes: range of adult and pediatric sizes or adjustable collars
Cold packs, chemical* (BARRIER PROTECTION ACCEPTABLE)
Combitubes®: Regular
Small Adult
CO₂ detector* – End tidal CO₂ detector (colorimetric or other approved capnography device)

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SUPPLIES (continued)

Defibrillation pads*/gel

Dressings: abdominal

eye pad

gauze 2 x 2/4 x 4

Kerlix or equivalent

OP site* or equivalent, approx. 2"x3"

ECG pads*

EID/EDD (Esophageal intubation detector device with 15 mm adapter)

ET tube:* Assorted Adult sizes (6.0, 6.5, 7.0, 7.5, 8)

ET tube holders*

Feeding tube:* sizes 5.0fr, 8.0fr

Gloves:* Assorted sizes

clean

sterile

Glucose determination: glucose meter with test strips, Lancets*

Hemostat, plastic

IV catheters, over needle:* sizes 14 through 24 gauge

IV rate flow regulator

Lancet* (for fingersticks)

Lock, saline*

Masks, disposable ventilation:* sizes Neonate, infant, toddler, child

Mask, oxygen non-rebreather:* adult and pediatric

Nail polish remover

Needles:* sizes: 18ga; 20ga (21ga); 25ga

Needle (sharps) disposal unit

OB kit with Bulb syringe

Penlight/flashlight

Personal protective equipment* (masks, gowns, gloves, eye shields)

Pulse oximeter* –OPTIONAL

Razors, disposable*

Restraints: Soft

Hard leather restraints – OPTIONAL

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SUPPLIES (continued)

Solution, sterile; NS 1000 ml (for irrigation)
Stop-cock
Stylette, malleable* (for ET tubes)
Suction, tonsil tip;* semi rigid or rigid, large bore (yankauer suction tip or Big Stik®)
Surgical masks
Syringes sizes:*\n1 ML\n3 ML\n6 (5) ML\n12 (10) ML\n50 OR 60 ML
Syringe, catheter tip*\n\nTape:* assorted sizes and types
Tongue blades
Tourniquets, IV*\nTubing, oxygen connecting*\nTubing connector* (e.g. 5-in-1)
Thermometer, oral – OPTIONAL\n\nUnderpads* (CHUX®)/protective pads

OPTIONAL EQUIPMENT

Backboard straps, disposable
Burn dressing/sheet
Demand valve head*\nPediatric backboard
Pulse oximeter*\nRestraints: Hard leather
Thermometer, oral
Thigh blood pressure cuff

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**ADVANCED LIFE SUPPORT UNIT INVENTORY****DRUG INVENTORY****MEDICATION****PREPARATION**

Adenosine	6 mg/2 mL, 2 mL vial or prefilled syringe
Albuterol (for inhalation)	3.0 mL (2.5 mg) of a 0.083% solution
Atropine	1 mg/1 mL, 1 mL ampule or vial
Atropine	1 mg/10 mL prefilled syringe
Atropine	0.4 mg/mL, 20 mL vial (OPTIONAL)
Dextrose 50%	25 Gm/50 mL prefilled syringe
Diphenhydramine	50 mg/mL, 1 mL prefilled syringe
Dopamine	400 mg/10 mL, 10 mL prefilled syringe/or 400 mg/5 mL vial 400 mg/250 mL D5W premixed bag (OPTIONAL)
Epinephrine 1:10,000	1 mg/10 mL prefilled syringe
Epinephrine 1:1,000	1 mg/1 mL ampule
Epinephrine 1:1,000	30 cc vial
Oral glucose solution	100 Gm bottle
or Glucose Gel	15 Gm / tube
or Glucose tablets	4 Gm or 5 Gm / chewable tablets
or Granulated sugar	5 Gm / packet
Glucagon	1 mg ampule with diluent
Lidocaine, 2%	100 mg/5 mL, 5 mL prefilled syringe
Mark I kit	Prepackaged kit containing one autoinjector Atropine 2 mg and one autoinjector 2-PAM 600 mg (OPTIONAL)
Midazolam	5 mg/1 mL vial
Morphine sulfate	10 mg/10 mL, prefilled syringe
Morphine sulfate	10 mg/1 mL, 1 mL vial
Naloxone 0.4mg/mL or 0.5mg/mL	1 mL ampule or 10 mL vial
Naloxone 0.8mg/2mL or 2mg/2mL	2 mL prefilled syringe
Nitroglycerin	0.4 mg/metered dose spray, 13.8 gm 0.4 mg/tab, bottle of 25 tabs (OPTIONAL)
Normal saline	10 mL prefilled syringe or vial
Normal saline	Without preservative for respiratory treatment
Pralidoxime (2-PAM)	600 mg autoinjector or 1 Gm vial (OPTIONAL)
Sodium bicarbonate	1mEq/mL, 50 mL prefilled syringe or 44.6 mEq/50 mL prefilled syringe
Sodium Thiosulfate	12.5 Gm/50 mL, 25% solution

Prehospital personnel shall be knowledgeable in procedures to use latex containing products in a latex-safe manner. This includes procedures to remove or cover latex containing parts, such as the caps on multi-dose medication vials.

IV SOLUTIONS

Normal saline*	1000mL Viaflex Bag* (BARRIER PROTECTION ACCEPTABLE)
Normal saline*	250 mL Viaflex Bag* (BARRIER PROTECTION ACCEPTABLE)

IV TUBING

Macro drip, * 15 drops/mL or 10 drops/mL
Micro drip, * 60 drops/mL

IV tubing must have at least two medication injection sites. Recommended tubing has a "Y" adapter.

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